

Robert J. Frank  
(202) 414-4013  
rjfrank@venable.com

JC530 U.S. PTO  
09/22/9628

01/13/99  
Barcode

VENABLE  
ATTORNEYS AT LAW

66/ET/10  
JC598  
U.S.  
PTO

1100 New York Avenue, N.W., Suite 300 East  
Washington, D.C. 20005-3955  
(202) 414-4000, Fax (202) 414-4040  
Telex 64267  
www.venable.com

January 13, 1999

Assistant Commissioner for Patents  
Washington, D.C. 20231  
**ATTENTION: Box PATENT APPLICATION**

Attorney Docket No. OKI 4646.01

Re: New Patent Application  
Inventor(s): Yasutaka SAKAINO, Jouji KATO and  
Yoshiaki UMEZAWA

Sir:

Please find attached hereto an application for patent which includes:

Specification, Claims, Abstract of the Disclosure, Declaration, Power of Attorney and Information Disclosure Statement with Form PTO-1449.

Priority Documents, the rights of priority of which are claimed herewith under 35 U.S.C. 119:

Japanese Appln. No. 021021/98 filed January 23, 1998.

Drawings: 6 Sheets Formal Drawings (Figs. 1 - 6)

Fee (see formula below) - Check Enclosed:

Basic Fee \$760.....	\$760.00
Additional Fees:	
Total number of claims in excess of 20 <u>0</u> times \$22	\$ <u>0</u> -
Number of independent claims <u>4</u> (1, 3, 6 and 14)	
in excess of 3: <u>1</u> times \$78.....	\$ <u>78.00</u>
Multiple Dependent Claim \$135/270.....	\$ <u>0</u> -
An assignment and cover sheet is likewise enclosed;	
Recording Fee.....	\$ <u>40.00</u>
TOTAL FEES FOR THE ABOVE APPLICATION... \$878.00	

In the event there is attached hereto no check, or a check for an insufficient amount, please charge the fee to our Account No. 19-3700 and notify us accordingly.

Respectfully submitted,

*Robert J. Frank*  
Robert J. Frank  
(Registration No. 19,112)

RJF:jh

1100 New York Avenue, N.W., Suite 300 East  
Washington, D.C. 20005-3955  
(202) 414-4000, Fax (202) 414-4040  
Telex 64267  
www.venable.com

OFFICES IN  
MARYLAND  
WASHINGTON, D.C.  
VIRGINIA

Robert J. Frank  
(202) 414-4013  
rjfrank@venable.com

JCS 09/229628  
U.S. PTO

01/13/99

VENABLE  
ATTORNEYS AT LAW

TO THE ASSISTANT COMMISSIONER  
FOR PATENTS  
WASHINGTON, D.C. 20231  
BOX ASSIGNMENT

Attorney  
Reference: OKI 4646.01

REQUEST FOR RECORDING AND COVER SHEET UNDER 37 C.F.R. 3.28 AND 3.31

Please record the attached original document(s) or copy(ies) thereof.

1. Name of parties conveying the interest:

Yasutaka SAKAINO, Jouji KATO and Yoshiaki UMEZAWA

2. Name and address of party receiving the interest:

Oki Electric Industry Co., Ltd.

7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan

3. Description of the interest conveyed or transaction to be recorded:

Assignment       Other:

4. Application Number: To be Assigned

Patent Number:

Registration Number:

Document filed together with a patent application executed on  
November 25, 1998

5. Address correspondence concerning this request to: VENABLE, Suite 300 East,  
1100 New York Avenue, N.W., Washington, D.C. 20005-3955

6. Number of Applications, Patents or Registrations and total fee:

Patents: 1 patent rights @ \$40      Total: \$40.00

If no fee is attached, or if a greater or lesser fee is required, please  
charge or credit our Account No. 19-3700.

7. Date of execution of document: November 30, 1998

8. If document is an assignment of a trademark right to an assignee who  
is not domiciled in the United States, such assignee has designated a  
domestic representative

per attached designation     other:

9. To the best of knowledge and belief of the undersigned, the foregoing  
information is true and correct and any attached copy is a true copy of  
the original document.

10. Date: January 13, 1999

Robert J. Frank

Name: Robert J. Frank

Registration Number: 19,112